

CLAIMS:

1. Method for creating a transfer file, the file comprising an information block comprising information on a data block and the data block comprising a navigation field and the navigation field comprising a Relative Logical Block Number of the navigation field, the method comprising the steps of
 - 5 - creating a transfer file by appending the data block to the information block characterized in that in the transfer file the Relative Logical Block Number of each navigation field in the data block is recalculated relative to a first Logical Block Number of the data block.
- 10 2. Method for creating a transfer file for transferring a section of a data stream stored in a file as claimed in claim 1, characterized in that the first Logical Block Number of the data file is assigned the value 0.
- 15 3. Method for creating a transfer file for transferring a section of a data stream stored in a file as claimed in claim 2, characterized in that the recalculated Logical Block Number is stored in a data search information field and a Program Control Information field.
- 20 4. Method for creating a transfer file for transferring a section of a data stream stored in a file as claimed in claim 1 characterized in that the section of the data stream comprises a DVD title or a DVD chapter.
- 25 5. Method for creating a transfer file for transferring a section of a data stream stored in a file as claimed in claim 1, 2, 3, or 4, characterized in that the file comprises one or more VOB blocks in a DVD format
6. Method for creating a transfer file for transferring a section of a data stream stored in a file as claimed in claim 1, 2, 3, or 4, characterized in that the information block is a VTSI block in the DVD format

7. Method for creating a transfer file for transferring a section of a data stream stored in a file as claimed in claim 1, 2, 3, or 4, characterized in that the data block comprises one or more VOB blocks in the DVD format

5 8. Method for creating a transfer file for transferring a section of a data stream stored in a file as claimed in claim 1, 2, 3, or 4, characterized in that the navigation field is a NV_PCK field in the DVD format

9. Method for recording a transfer file created using the method as claimed in
10 claim 1,
characterized in that on a destination rewritable DVD video disc the transfer file is appended to the end of the data on the destination DVD and a VMG block is updated to include information on the added transfer file

15 10. Method for recording a transfer file created using the method as claimed in claim 1,
characterized in that on a destination rewritable DVD disc containing the DVD+VR format, the information block comprised in the transfer file is merged with the VTSI block and the VMG block on the destination rewritable DVD and the data block comprised in the transfer
20 file is appended to the VOB region on the destination DVD+RW
and that the Relative Logical Block Number of each navigation field in the data block is recalculated relative to a first Logical Block Number of the first data block of the VOB region.

25 11. Method for recording a transfer file created using the method as claimed in claim 1,
characterized in that on a destination recordable DVD disc containing the DVD+VR format, the data block comprised in the transfer file is appended to the VOB region on the destination recordable DVD and the information block comprised in the transfer file is merged with the
30 VTSI block and the VMG block from the destination rewritable DVD and appended to the appended data block in the form of a VTSI backup block and VMG backup block and that the Relative Logical Block Number of each navigation field in the data block is recalculated relative to a first Logical Block Number of the first data block of the VOB region.

12. Recorder for recording a data stream using the method as claimed in claim 9, 10 or 11.

13. Play back device for playing a data stream using the method for creating a transfer file as claimed in one of the claims 1 - 8